Claim Status:

This listing of claims will replace all prior versions, and listings, of claims in the application:

What is claimed is:

Please cancel Claims 1-157.
Please enter the following Previously Presented claims

158. (Previously Presented) An inhaler comprising:
a housing in which a medicament formulation is received and a dispensing member is relatively movable to cause dispensing of a dose of the medicament formulation for inhalation by a user through a dispensing outlet of the housing; and
a restricting member movable between a first position which enables relative movement between the dispensing member and the housing for dispensing of the dose of the medicament formulation, and a second position in which the restricting member restricts relative movement between the dispensing member and the housing such that dispensing of the dose of the medicament formulation is prevented; characterised in that the restricting member enters the housing through the dispensing outlet to be disposed in its second position.

159. (Previously Presented) The inhaler of claim 158, wherein the restricting member is releasably attachable to the housing in its second position.

160. (Previously Presented) The inhaler of claim 158, wherein the restricting member is part of an accessory which is attachable to the housing.

161. (Previously Presented) The inhaler of claim 160, wherein the accessory is attachable to the dispensing outlet of the housing.

162. (Previously Presented) The inhaler of claim 158 in which the dispensing member is a container unit in which the medicament formulation is contained.

163. (Previously Presented) The inhaler of claim 162 wherein the restricting member is provided on a closure positionable to close the dispensing outlet and wherein when the closure is positioned to close the dispensing outlet, the restricting member enters the

housing through the dispensing outlet to be disposed in its second position.

164. (Previously Presented) The inhaler of claim 162, wherein in use the dose of the medicament formulation is dispensed from the container unit when the container unit moves relative to the housing in a first direction and wherein the restricting member in its second position restricts movement of the container unit in the first direction.

165. (Previously Presented) The inhaler of claim 162, wherein in its second position the restricting member restricts relative movement between the container unit and the housing through physical engagement of the restricting member with the container unit.

166. (Previously Presented) The inhaler of claim 162, wherein the restricting member, in its second position, is disposed in front of a leading end of the container unit.

167. (Previously Presented) The inhaler of claim 162, wherein the housing has an axis along which the container unit is movable relative to the housing to dispense the dose of the medicament formulation and the restricting member, in its second position, extends laterally to the axis to restrict said relative movement.

168. (Previously Presented) The inhaler of claim 158, wherein the restricting member is configured as an arm structure.

169. (Previously Presented) The inhaler of claim 158, wherein the restricting member is configured as a clip which, in its second position, clips to the housing and/or the container unit to retain the restricting member in its second position.

170. (Previously Presented) The inhaler of claim 162, wherein the container unit is a dispensing container unit having first and second parts which are movable relative to one another, said relative movement causing dispensing of the dose of the medicament formulation from the dispensing container unit, and wherein the housing has a support for supporting the first part of the dispensing container unit in a stationary position relative to the housing so that, in use, the second part is able to move in the housing relative to the first part to dispense the dose of the medicament formulation, and wherein the restricting member, in its second position, restricts the movement of the second part relative to the first part to prevent dispensing of the dose.

171. (Previously Presented) The inhaler of claim 170, wherein one of the first and second parts is a dispensing outlet member of the dispensing container unit and the other part is a container member containing the medicament formulation.

172. (Previously Presented) The inhaler of claim 171, wherein the first part is the dispensing outlet member and the second part is the container member and wherein the support is adapted in use to direct the output of the dispensing outlet member out of the housing through the dispensing outlet thereof.

173. (Previously Presented) The inhaler of claim 170 which is a pressurised metered dose inhaler (pMDI) with the second part being a pressurised container member containing therein the medicament formulation under pressure and the first part being a valve stem of a metering valve for releasing a metered dose of the pressurised medicament formulation from the dispensing container unit upon relative movement between the pressurised container member and the valve stem.

174. (Previously Presented) The inhaler of claim 170, wherein the restricting member comprises a pair of arms that straddle the support when the restricting member is in the second position.

175. (Previously Presented) The inhaler of claim 173, wherein the support is a stem block for receiving the valve stem.

176. (Previously Presented) The inhaler of claim 169, wherein the clip detachably engages the support.

177. (Previously Presented) The inhaler of claim 169, wherein the clip detachably engages a step in the housing.

178. (Previously Presented) The inhaler of claim 177, wherein the step is in a surface of the housing on which the support is provided.

179. (Previously Presented) The inhaler of claim 163, wherein the closure is movable between a closing position, engaged with the housing, in which it closes the dispensing outlet and places the restricting member in the second position, and an opening position in which it opens the dispensing outlet and places the restricting member in its first position.

180. (Previously Presented) The inhaler of claim 163, wherein the closure is detachably mountable on the housing.

181. (Previously Presented) The inhaler of claim 179, wherein in use the closure is moved from its closing position to its opening position by detaching the closure from the housing.

182. (Previously Presented) The inhaler of claim 163 in which the closure is releasably engageable with the dispensing outlet of the housing to close the dispensing outlet.

183. (Previously Presented) The inhaler of claim 179, wherein in use the closure is moved from its closing position to its opening position by disengaging the closure from the dispensing outlet.

184. (Previously Presented) The inhaler of claim 162 further having an indicator for indicating dispensing from the container unit.

185. (Previously Presented) The inhaler of claim 184 in which the indicator has a visual display for indicating dispensing from the container unit.

186. (Previously Presented) The inhaler of claim 185 in which the indicator is adapted to update the display in response to movement of the container unit relative to the housing.

187. (Previously Presented) The inhaler of claim 186, wherein the indicator is adapted to update the display in response to relative movement of the container unit to the housing by a distance which is less than that required for dispensing of the dose of the medicament formulation from the container unit and wherein the restricting member in its second position restricts the relative movement of the container unit and the housing such as to prevent updating of the display.

188. (Previously Presented) The inhaler of claim 172 in which the container unit further has a metering mechanism for dispensing a metered dose of the medicament formulation on movement of the container unit relative to the housing.

189. (Previously Presented) The inhaler of claim 184, wherein the indicator is

comprised in the container unit.

190. (Previously Presented) The inhaler of claim 184, wherein the indicator is mounted on a container member of the container unit which contains the medicament formulation and the restricting member, in its second position, co-operates with the indicator to restrict relative movement between the container unit and the housing.

191. (Previously Presented) The inhaler of claim 189 in which the indicator is mounted at the leading end of the container unit.

192. (Previously Presented) The inhaler of claim 189 in which the indicator is comprised in the second part of the container unit.

193. (Previously Presented) The inhaler of claim 158, wherein the dispensing outlet of the housing is in a nozzle configured for insertion into a nostril or a mouth of a human or animal body.

194. (Previously Presented) The inhaler of claim 163 further having a connector which connects the housing and the closure to one another.

195. (Previously Presented) The inhaler of claim 194, wherein the connector is extensible.

196. (Previously Presented) The inhaler of claim 194, wherein the connector is telescopic.

197. (Previously Presented) The inhaler of claim 194, wherein the connector comprises:

a first component, attached to the housing; and

a second component, attached to the closure;

wherein the components are capable of relative movement between a contracted position, in which the closure closes the dispensing outlet, and an extended position, in which the closure is spaced from the dispensing outlet.

198. (Previously Presented) The inhaler of claim 197, wherein one of said components comprises a pin and the other comprises a slot, wherein the pin is captive within the slot and capable of movement within it.

199. (Previously Presented) The inhaler of claim 197, wherein at least one of the components comprises hinging means.

200. (Previously Presented) The inhaler of claim 194, wherein the connector is a strap.

201. (Previously Presented) The inhaler of claim 163, wherein:
the dispensing outlet is a dispensing nozzle on which the closure is releasably mountable for closure thereof;
the closure comprises a cap member which is configured and arranged with respect to the nozzle such as to be capable of being slid over the nozzle in an intended orientation of the cap member and an unintended orientation of the cap member;
wherein in the intended orientation of the cap member the closure is securably mounted on the nozzle by sliding the cap member over the nozzle by a predetermined amount to a stationary position; and
wherein the housing and the closure are configured and arranged with respect to each other such that the cap member cannot slide over the nozzle by the predetermined amount to a stationary position when in the unintended orientation thereby to indicate to the user that the closure is not correctly mounted on the nozzle.

202. (Previously Presented) The inhaler of claim 201, wherein an attempt to slide the cap member over the nozzle when the cap member is in the unintended orientation results in the closure and the housing inter-engaging before the cap member can be slid over the nozzle by the predetermined amount.

203. (Previously Presented) The inhaler of claim 202, wherein the closure is provided with an extension for abutting the housing before the cap member can be slid over the nozzle by the predetermined amount when in the unintended orientation.

204. (Previously Presented) The inhaler of claim 203, wherein the extension extends through the nozzle when the cap member is slid over the nozzle.

205. (Previously Presented) The inhaler of claim 204, wherein the extension is provided on the cap member.

206. (Previously Presented) The inhaler of claim 201, wherein the cap member has a skirt which presents a mouth at one end thereof for slidably receiving the nozzle.

207. (Previously Presented) The inhaler of claim 203, wherein the extension extends from the skirt or from the mouth.

208. (Previously Presented) The inhaler of claim 206, wherein the skirt presents a lip about the mouth, wherein the lip abuts a housing surface when the cap member is slid over the nozzle in the intended orientation by the predetermined amount, and wherein a gap is left between the lip and the housing surface when an attempt is made to slide the cap member over the nozzle in the unintended orientation thereby to indicate to the user that the closure is not correctly mounted on the nozzle.

209. (Previously Presented) The inhaler of claim 201, wherein the restricting member is provided on the cap member.

210. (Previously Presented) The inhaler of claim 203, wherein the restricting member comprises the extension.

211. (Previously Presented) The inhaler of claim 168, wherein the arm structure has a pair of spaced-apart arm members.

212. (Previously Presented) The inhaler of claim 168, wherein the restricting member is configured as an arm structure having a distal end configured as a clip portion.

213. (Previously Presented) The inhaler of claim 212, wherein the arm structure has a pair of spaced-apart arm members, the distal end of each arm member having a clip portion.

214. (Previously Presented) The inhaler of claim 203, wherein the cap member is slidable over the nozzle in a first direction and the extension extends from the closure in the first direction.

215. (Previously Presented) The inhaler of claim 203, wherein the extension is disposed asymmetrically on the closure.

216. (Previously Presented) The inhaler of claim 201, wherein the cap member has an imaginary axis of rotation about which the cap member is rotatable between its intended and unintended orientations and the extension is disposed offset to the axis.

217. (Previously Presented) The inhaler of claim 216, wherein the extension extends generally parallel to the axis.

218. (Previously Presented) The inhaler of claim 206, wherein the cap member further has an end wall portion across the end of the skirt opposite the mouth.

219. (Previously Presented) The inhaler of claim 218, wherein the extension extends from the end wall portion out of the mouth.

220. (Previously Presented) The inhaler of claim 216, wherein the imaginary axis of rotation is a central axis of the cap member.

221. (Previously Presented) The inhaler of claim 216, wherein the skirt is disposed about the axis.

222. (Previously Presented) The inhaler of claim 203, wherein at least a portion of the extension is adapted for (i) receipt in a socket of the inhaler when the cap member is slid over the nozzle in the intended orientation, and (ii) engagement with a surface of the inhaler spaced from the socket when an attempt is made to slide the cap over the nozzle in its unintended orientation.

223. (Previously Presented) The inhaler of claim 158 which is a pMDI.

224. (Previously Presented) An accessory for use with an inhaler which comprises a housing for receiving therein a medicament formulation and a dispensing member for relative movement therebetween which causes a dose of the medicament formulation to be dispensed for inhalation by a user through a dispensing outlet of the housing, the accessory adapted to be releasably attached to the inhaler in a use position and having a restricting member which, when the accessory is attached to the inhaler in its use position, extends into the housing through the dispensing outlet to restrict the relative movement between the housing and the dispensing member such that dispensing of the dose is prevented.

225. (Previously Presented) The accessory of claim 224 which is engaged with the housing in its use position.

226. (Previously Presented) The accessory of claim 224 which is engaged with the dispensing outlet in its use position.

227. (Previously Presented) The accessory of claim 224 which is a closure for closing the dispensing outlet in the use position.

228. (Previously Presented) The accessory of claim 224, wherein the restricting member is an arm structure.

229. (Previously Presented) The accessory of claim 228, wherein the arm structure has a pair of spaced-apart arm members.

230. (Previously Presented) The accessory of claim 224, wherein the restricting member is configured as a clip for clipping to the housing and/or the dispensing member.

231. (Previously Presented) The accessory of claim 228, wherein the arm structure has a distal end configured as a clip portion.

232. (Previously Presented) The accessory of claim 231, wherein the distal end of each arm member has a clip portion.

233. (Previously Presented) The accessory of claim 227, wherein the closure is for closing a dispensing nozzle of the inhaler and the closure has a cap adapted in use to be securably mounted on the nozzle by insertion of the nozzle into the cap a predetermined amount when the cap is in an intended orientation, and an extension for engaging the inhaler when an attempt is made to insert the nozzle into the cap in an unintended orientation thereof, the extension being configured and arranged such that it engages the inhaler before the nozzle is able to be inserted into the cap by the predetermined amount when the cap is in the unintended orientation, thereby to indicate that the closure is not being correctly mounted on the nozzle.

234. (Previously Presented) The accessory of claim 233, wherein the cap is slidable over the nozzle in a first direction and the extension extends from the closure in the first direction.

235. (Previously Presented) The accessory of claim 233, wherein the extension is

disposed asymmetrically on the closure.

236. (Previously Presented) The accessory of claim 233, wherein the cap has an imaginary axis of rotation about which the cap is rotatable between its intended and unintended orientations and the extension is disposed offset to the axis.

237. (Previously Presented) The accessory of claim 236, wherein the extension extends generally parallel to the axis.

238. (Previously Presented) The accessory of claim 233, wherein the cap has a skirt portion which presents a mouth at one end thereof for slidably receiving the nozzle.

239. (Previously Presented) The accessory of claim 236, wherein the extension extends from the skirt portion or the opening of the mouth.

240. (Previously Presented) The accessory of claim 233, wherein the cap further has an end wall portion across the end of the skirt portion opposite the mouth.

241. (Previously Presented) The accessory of 240, wherein the extension extends from the end wall out of the mouth opening.

242. (Previously Presented) The accessory of claim 236, wherein the imaginary axis of rotation is a central axis of the cap.

243. (Previously Presented) The accessory of claim 238, wherein the skirt portion is disposed about the axis.

244. (Previously Presented) The accessory of claim 236, wherein the extension extends through the nozzle when the closure is securably mounted on the nozzle.

245. (Previously Presented) The accessory of claim 233, wherein at least a portion of the extension is adapted for (i) receipt in a socket of the inhaler when the cap is slid over the nozzle in the intended cap orientation, and (ii) engagement with a surface of the inhaler spaced from the socket when an attempt is made to slide the cap over the nozzle in its unintended cap orientation.

246. (Previously Presented) The accessory of claim 245, wherein the at least a portion

of the extension is at its distal end.

247. (Previously Presented) The accessory of claim 245 wherein the extension forms part of the restricting member.